



UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **NAKATANI, Kazuo, et al.**

Group Art Unit: **3744**

Serial No.: **10/657,180**

Examiner: **To be assigned**

Filed: **September 9, 2003**

P.T.O. Confirmation No.: **1618**

For: **REFRIGERATION CYCLE APPARATUS**

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

January 28, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. A copy of the European Search Report and one copy of each of these documents is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosures: European Search Report, PTO-1449 and references (8)

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**INFORMATION
DISCLOSURE
CITATION
PTO-1449**

Atty. Docket No. 031054

Serial No. 10/657,180

Applicant(s): NAKATANI, Kazuo, et al.

Filing Date: September 9, 2003

Group Art Unit: 3744

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	6,321,564 B1	YAMANAKA et al.	11-27-01	62	510	
_____	AB	4,063,417	SHIELDS	12/20/77	60	641	
_____	AC						
_____	AD						
_____	AE						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
_____	AF	0 635 673 A1	1-25-95	Europe	
_____	AG	2000-234814	8-29-00	Japan	abstract
_____	AH	2001-116371	4-27-01	Japan	abstract
_____	AI	63-231138	9-27-88	Japan	no
_____	AJ	386 459	1-15-65	Switz	no

OTHER DOCUMENTS

_____	AK	Joo Seok Baek, et al. "Transcritical CO ₂ Cycle Technology" 2002 SAE Automotive Alternate Refrigerant Systems Symposium, July 2002, pages 1-17
_____	AL	
Examiner		Date Considered